

AMENDMENTS TO THE CLAIMS

1 - 8. (Cancelled).

9. (Currently Amended) A continuously variable transmission comprising:

an input shaft;

an output shaft;

a continuously variable drive section connected between said input shaft and said output shaft, said continuously variable drive section including a roller that is mounted on a trunnion for movement therewith, wherein movement of said roller causes a change in a ratio provided by said continuously variable drive section between said input shaft and said output shaft;

a control system that is responsive to an input signal for effecting movement of said trunnion and said roller; and

a feedback mechanism that is responsive to rotational movement of said trunnion and said roller for causing said control system to alter the movement of said trunnion.

10 - 11. (Cancelled).

12. (Original) The continuously variable transmission defined in Claim 9 wherein said wherein said feedback mechanism is responsive to axial movement and rotational movement of said trunnion and said roller for causing said control system to alter the movement of said trunnion.

13. (Original) The continuously variable transmission defined in Claim 9 wherein said control system includes a trunnion control valve that selectively provides pressurized fluid to a trunnion cylinder containing a control piston, said control piston being connected to said trunnion for movement therewith, said feedback mechanism being responsive to movement of said trunnion for varying the operation of said trunnion control valve.

14. (Currently Amended) The continuously variable transmission defined in Claim 13 ~~14~~ wherein said feedback mechanism includes a cam that is connected to said trunnion for movement therewith and a link that extends between said cam and said trunnion control valve such that movement of said cam with said trunnion causes movement of said link for varying the operation of said trunnion control valve.

15. (Currently Amended) The continuously variable transmission defined in Claim 13 ~~14~~ wherein said control system includes a trunnion actuator that is connected to said trunnion control valve by a link such that movement of said link by said trunnion actuator controls the operation of said trunnion control valve.

16. (Original) The continuously variable transmission defined in Claim 15 wherein said feedback mechanism includes a cam that is connected to said trunnion for movement therewith and said link further extends between said cam and said trunnion control valve such that movement of said cam with said trunnion causes movement of said link for varying the operation of said trunnion control valve.

17. (Original) The continuously variable transmission defined in Claim 14 wherein said cam includes a ramped surface that is engaged by said link.